

**WHAT IS CLAIMED IS:**

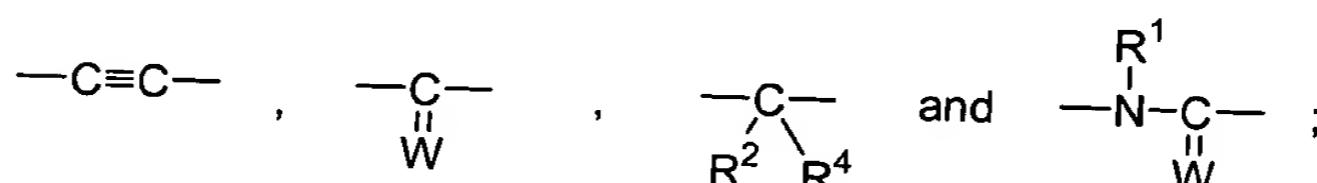
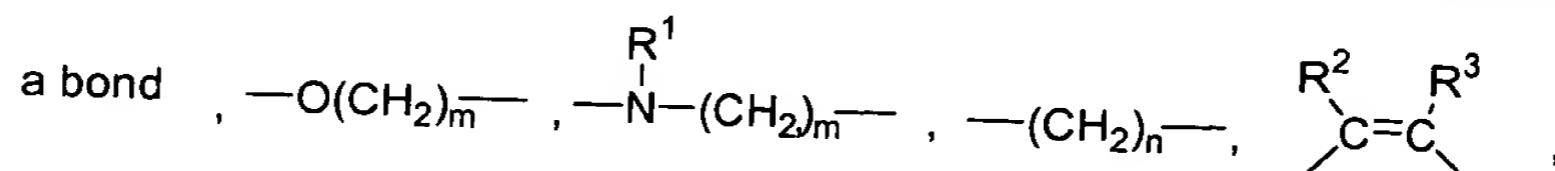
1. A compound having the formula:



3 or a pharmaceutically acceptable salt thereof, wherein

4 A and B are each members independently selected from the group consisting of  
5 substituted and unsubstituted aryl and substituted and unsubstituted  
6 heteroaryl;

7 X and Y are each members independently selected from the group consisting of:



with the proviso that at least one of X or Y is a bond, and  $-1 \leq x \leq 1$ :

the subscript m is 0, 1 or 2.

the subscript n is 1 or 2.

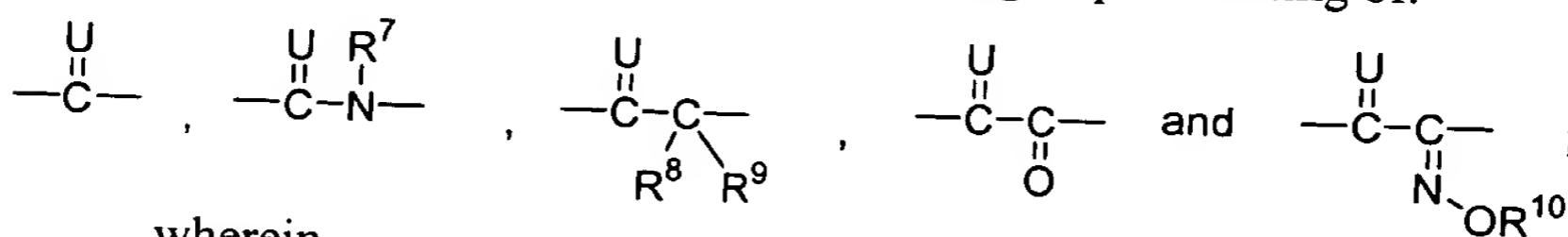
W is a member selected from the group consisting of O, N-OR<sup>5</sup>, N-NR<sup>1</sup>R<sup>2</sup>, N-NR<sup>1</sup>C(O)R<sup>6</sup> and N-OC(O)R<sup>6</sup>:

14 R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>5</sup> are each members independently selected from the  
15 group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl,  
16 heteroaryl and heteroaryl(C<sub>1</sub>-C<sub>6</sub>)alkyl;

17 R<sup>4</sup> is a member selected from the group consisting of H, OH, (C<sub>1</sub>-C<sub>6</sub>)alkyl,  
18 (C<sub>1</sub>-C<sub>6</sub>)alkoxy, amino, (C<sub>1</sub>-C<sub>6</sub>)alkylamino, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino,  
19 (C<sub>1</sub>-C<sub>6</sub>)acylamino, and (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl; and  
20

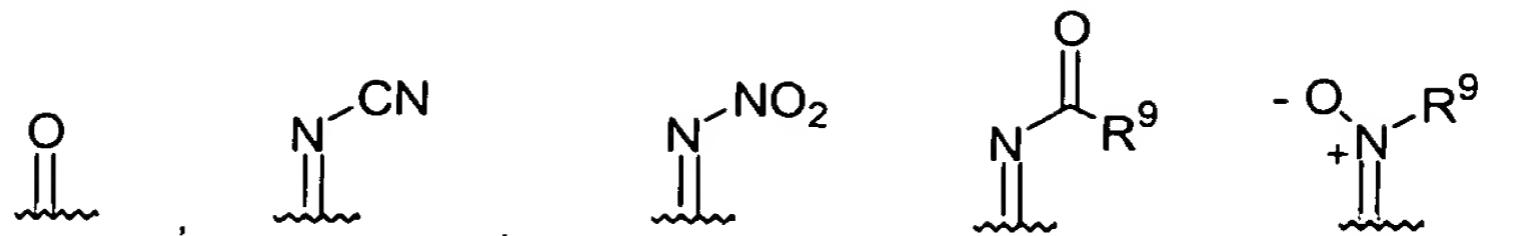
20 R<sup>6</sup> is a member selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-  
21 C<sub>6</sub>)alkoxy, amino, (C<sub>1</sub>-C<sub>6</sub>)alkylamino, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino and  
22 (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl; and

23 M is a divalent linking group selected from the group consisting of:



wherein

**U** is a member selected from the group consisting of:



R<sup>7</sup> and R<sup>8</sup> are each independently members selected from the group consisting of H, OH, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, amino, (C<sub>1</sub>-C<sub>6</sub>)alkylamino and di(C<sub>1</sub>-C<sub>6</sub>)alkylamino;

R<sup>9</sup> is a member selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl, heteroaryl and heteroaryl(C<sub>1</sub>-C<sub>6</sub>)alkyl;

R<sup>10</sup> is a member selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl and heteroaryl(C<sub>1</sub>-C<sub>6</sub>)alkyl; and

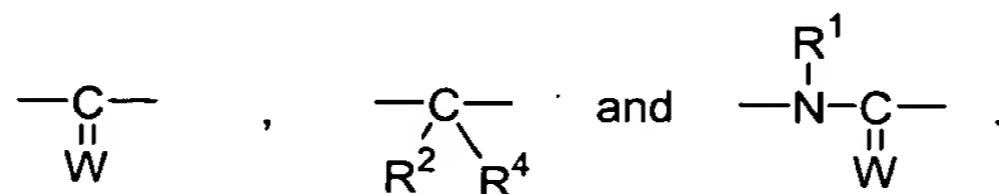
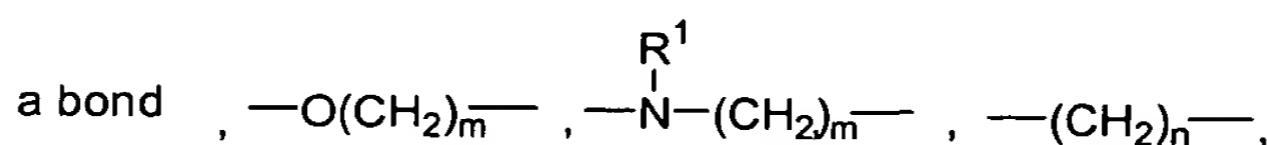
R<sup>11</sup> and R<sup>12</sup> are members independently selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl, heteroaryl(C<sub>1</sub>-C<sub>6</sub>)alkyl, C(O)R<sup>14</sup>, C(O)OR<sup>14</sup>, C(O)-NR<sup>14</sup>R<sup>15</sup>, S(O)<sub>2</sub>R<sup>13</sup> and S(O)<sub>2</sub>NR<sup>14</sup>R<sup>15</sup>;

wherein

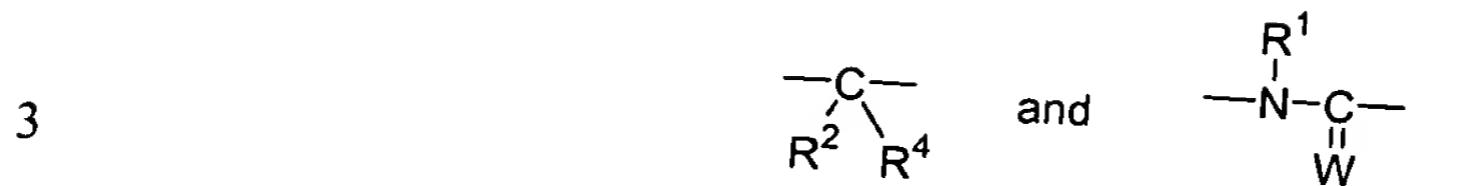
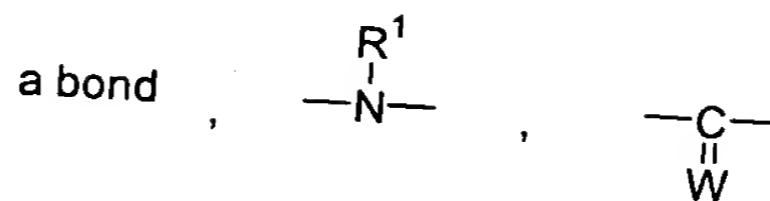
R<sup>13</sup> is a member selected from the group consisting of (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-C<sub>6</sub>)heteroalkyl, phenyl and substituted phenyl; and

R<sup>14</sup> and R<sup>15</sup> are each members independently selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl and (C<sub>1</sub>-C<sub>6</sub>)heteroalkyl.

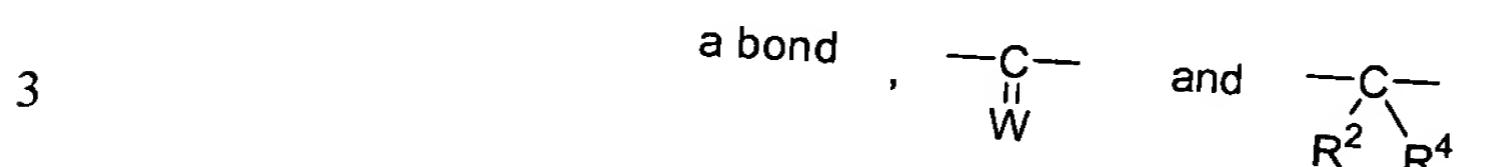
1                   2. A compound of claim 1, wherein X and Y are independently  
2 selected from the group consisting of:



1                   3. A compound of claim 1, wherein X and Y are each independently  
2 selected from the group consisting of:

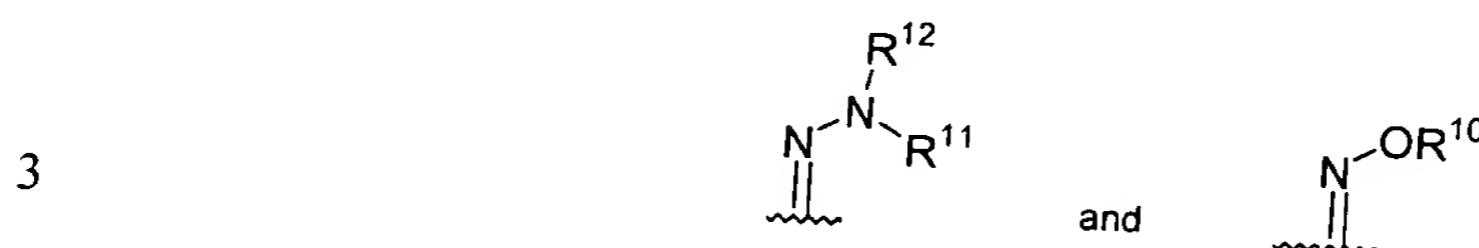
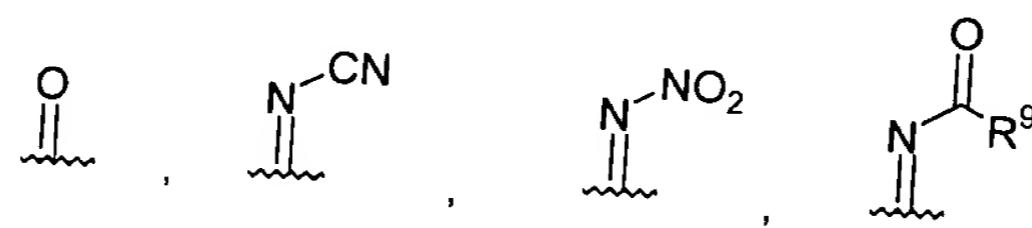


1  
2 4. A compound of claim 1, wherein X and Y are each independently  
selected from the group consisting of:

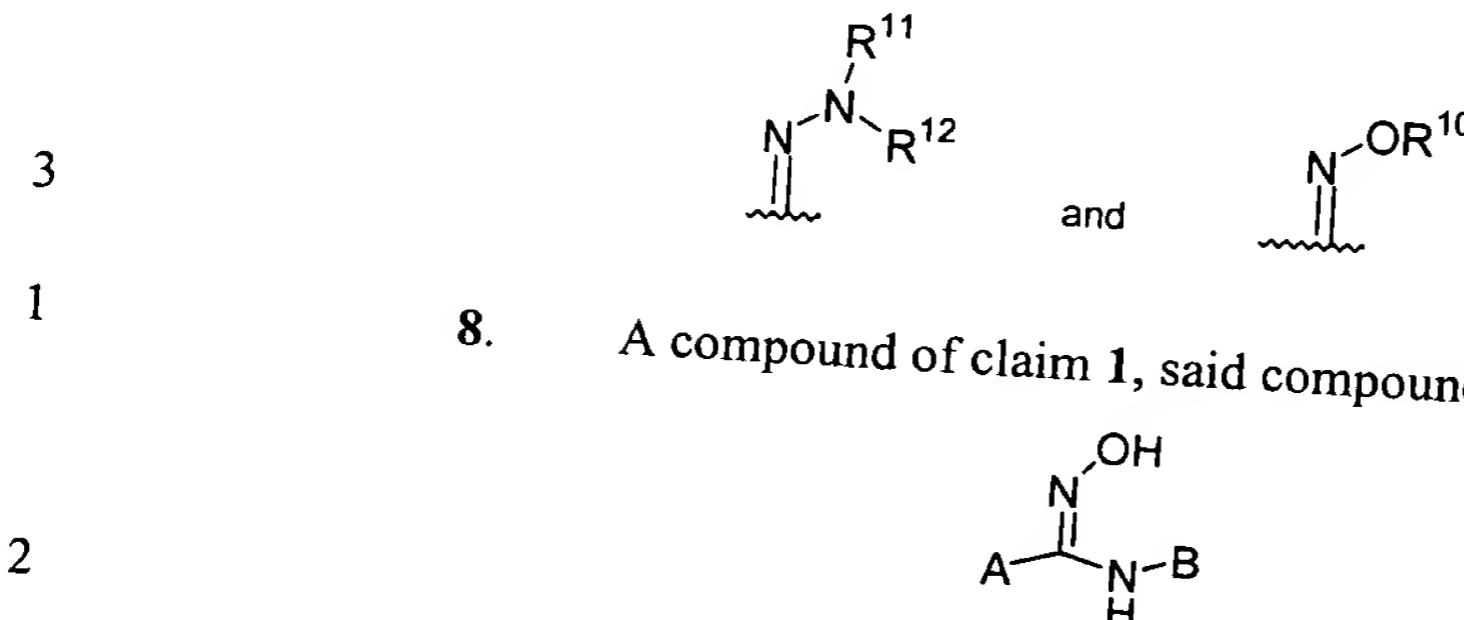


1  
1 5. A compound of claim 1, wherein M is  $\text{---C}^{\text{U}}\text{---N}^{\text{R}^7}\text{---}$ .

1  
2 6. A compound of claim 1, wherein X and Y are each a bond, and M  
is  $\text{---C}^{\text{U}}\text{---N}^{\text{R}^7}\text{---}$ , wherein U is selected from the group consisting of



1  
2 8. A compound of claim 1, said compound having the formula:



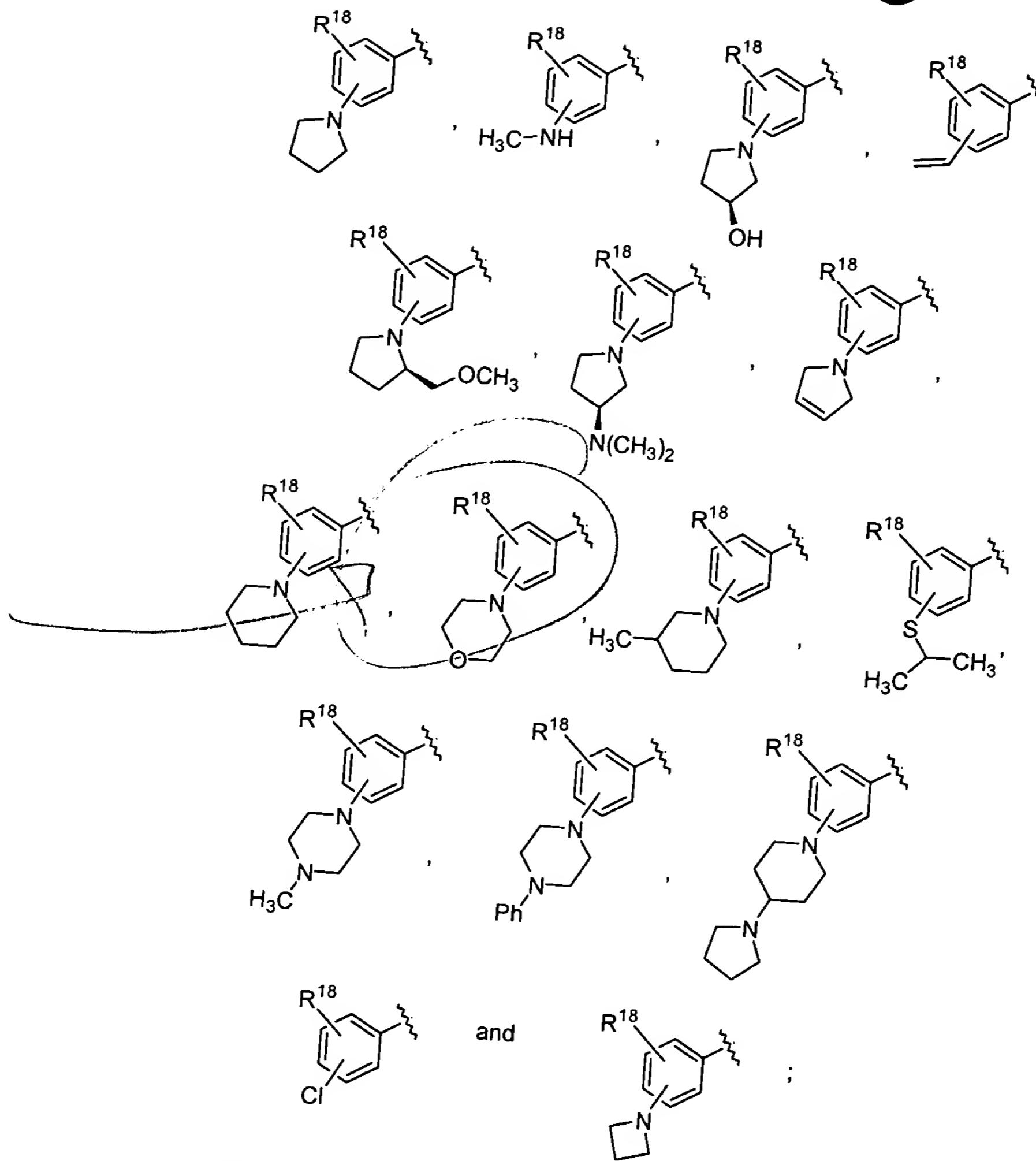
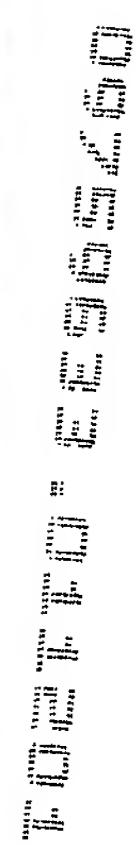
TOKUYO SHOKOGYO

1                   9. A compound of claim 8, wherein A is a phenyl group substituted  
2 with from one to three substituents selected from the group consisting of (C<sub>1</sub>-C<sub>4</sub>)alkyl,  
3 (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen, nitro, phenyl, naphthyl,  
4 pyrrolyl, pyrazolyl and -NR<sup>16</sup>R<sup>17</sup> wherein R<sup>16</sup> and R<sup>17</sup> are independently selected from  
5 the group consisting of hydrogen, (C<sub>1</sub>-C<sub>8</sub>)alkyl and (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl or are combined  
6 with the nitrogen atom to which each is attached to form a four-, five-, six- or seven-  
7 membered ring optionally having additional heteroatoms as ring members and optionally  
8 having additional substituents selected from the group consisting of (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>1</sub>-  
9 C<sub>8</sub>)heteroalkyl and phenyl.

1                   10. A compound of claim 8, wherein B is a phenyl group substituted  
2 with from one to three substituents selected from the group consisting of (C<sub>1</sub>-C<sub>4</sub>)alkyl,  
3 (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen, phenyl  
4 and phenoxy.

1                   11. A compound of claim 8, wherein A is a phenyl group substituted  
2 with from one to three substituents selected from the group consisting of (C<sub>1</sub>-C<sub>4</sub>)alkyl,  
3 (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen and -NR<sup>16</sup>R<sup>17</sup> wherein R<sup>16</sup>  
4 and R<sup>17</sup> are independently selected from the group consisting of hydrogen, (C<sub>1</sub>-C<sub>8</sub>)alkyl  
5 and (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl or are combined with the nitrogen atom to which each is attached  
6 to form a four-, five-, six- or seven-membered ring optionally having additional  
7 heteroatoms as ring members and optionally having additional substituents selected from  
8 the group consisting of (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl and phenyl, and B is a phenyl  
9 group substituted with from one to three substituents selected from the group consisting  
10 of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy,  
11 halogen, phenyl and phenoxy.

1                   12. A compound of claim 8, wherein A is selected from the group  
2 consisting of substituted or unsubstituted thienyl, substituted or unsubstituted furanyl,  
3 substituted or unsubstituted indolyl, substituted or unsubstituted benzothienyl, substituted  
4 or unsubstituted benzothienyl, and radicals of the formulae:



wherein R<sup>18</sup> is a member selected from the group consisting of (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy and

1           13. A compound of claim 8, wherein A is selected from the group  
2 consisting of substituted or unsubstituted benzofuranyl, substituted or unsubstituted  
3 benzothienyl, substituted or unsubstituted indolyl, substituted or unsubstituted  
4 benzimidazolyl, substituted or unsubstituted benzthiazolyl and substituted or  
5 unsubstituted benzoxazolyl.

1           14. A method of reducing bacterial growth on a surface, said method  
2 comprising contacting said surface with a compound of claim 1.

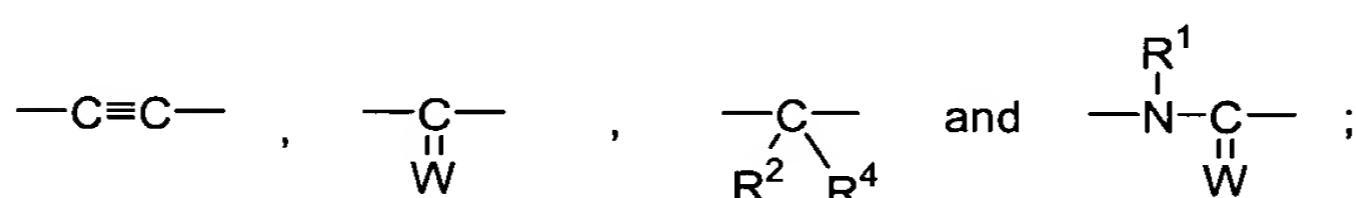
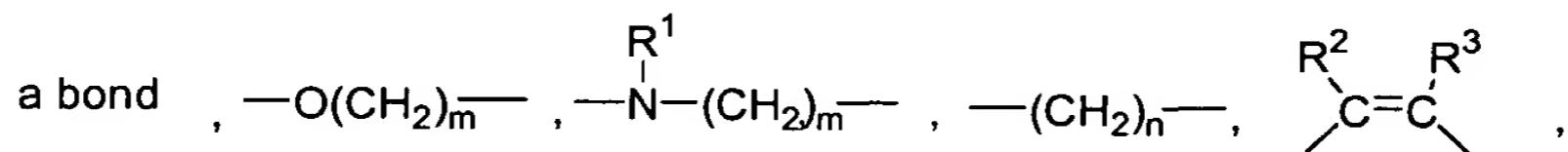
1                   15. A method of treating a bacterial infection comprising contacting a  
2 subject in need of such treatment with an effective amount of a compound having the  
3 formula:

4 A-X-M-Y-B

5 or a pharmaceutically acceptable salt thereof, wherein

6 A and B are each members independently selected from the group consisting of  
7 substituted and unsubstituted aryl and substituted and unsubstituted  
8 heteroaryl;

9 X and Y are each members independently selected from the group consisting of:



with the proviso that at least one of X or Y is a bond, and wherein

the subscript m is 0, 1 or 2;

the subscript n is 1 or 2;

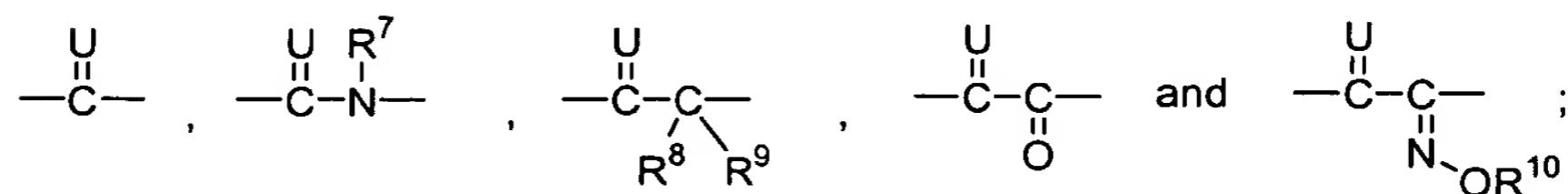
W is a member selected from the group consisting of O, N-OR<sup>5</sup>, N-NR<sup>1</sup>R<sup>2</sup>, N-NR<sup>1</sup>C(O)R<sup>6</sup> and N-OC(O)R<sup>6</sup>;

$R^1$ ,  $R^2$ ,  $R^3$  and  $R^5$  are each members independently selected from the group consisting of H,  $(C_1-C_6)$ alkyl, aryl, aryl( $C_1-C_6$ )alkyl, heteroaryl and heteroaryl( $C_1-C_6$ )alkyl;

19 R<sup>4</sup> is a member selected from the group consisting of H, OH, (C<sub>1</sub>-C<sub>6</sub>)alkyl,  
20 (C<sub>1</sub>-C<sub>6</sub>)alkoxy, amino, (C<sub>1</sub>-C<sub>6</sub>)alkylamino, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino,  
21 (C<sub>1</sub>-C<sub>6</sub>)acylamino, and (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl; and

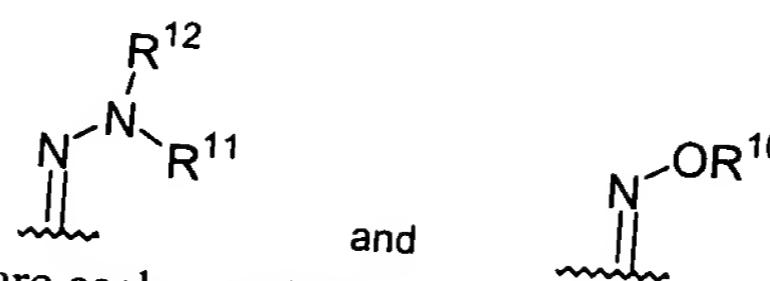
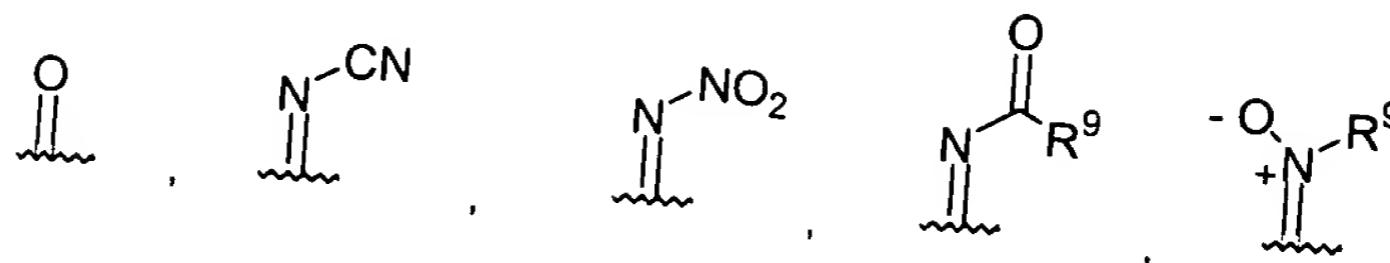
22 R<sup>6</sup> is a member selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-  
23 C<sub>6</sub>)alkoxy, amino, (C<sub>1</sub>-C<sub>6</sub>)alkylamino, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino and  
24 (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl; and

25 M is a divalent linking group selected from the group consisting of:



wherein

28 U is a member selected from the group consisting of:



30       $R^7$  and  $R^8$  are each members independently selected from the group  
 31      consisting of H, OH, ( $C_1$ - $C_6$ )alkyl, ( $C_1$ - $C_6$ )alkoxy, amino, ( $C_1$ -  
 32       $C_6$ )alkylamino and di( $C_1$ - $C_6$ )alkylamino;

33       $R^9$  is a member selected from the group consisting of H, ( $C_1$ - $C_6$ )alkyl, aryl,  
 34      aryl( $C_1$ - $C_6$ )alkyl, heteroaryl and heteroaryl( $C_1$ - $C_6$ )alkyl;

35       $R^{10}$  is a member selected from the group consisting of H, ( $C_1$ - $C_6$ )alkyl,  
 36      aryl( $C_1$ - $C_6$ )alkyl and heteroaryl( $C_1$ - $C_6$ )alkyl; and

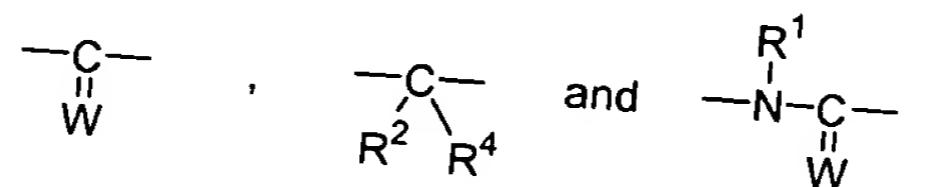
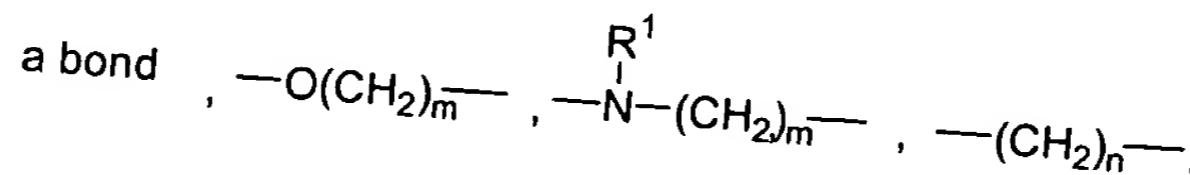
37       $R^{11}$  and  $R^{12}$  are members independently selected from the group consisting  
 38      of H, ( $C_1$ - $C_6$ )alkyl, aryl( $C_1$ - $C_6$ )alkyl, heteroaryl( $C_1$ - $C_6$ )alkyl,  
 39       $C(O)R^{14}$ ,  $C(O)OR^{14}$ ,  $C(O)-NR^{14}R^{15}$ ,  $S(O)_2R^{13}$  and  $S(O)_2NR^{14}R^{15}$ ;

40      wherein

41       $R^{13}$  is a member selected from the group consisting of ( $C_1$ - $C_6$ )alkyl,  
 42      ( $C_1$ - $C_6$ )heteroalkyl, phenyl and substituted phenyl; and

43       $R^{14}$  and  $R^{15}$  are each members independently selected from the  
 44      group consisting of H, ( $C_1$ - $C_6$ )alkyl and ( $C_1$ - $C_6$ )heteroalkyl.

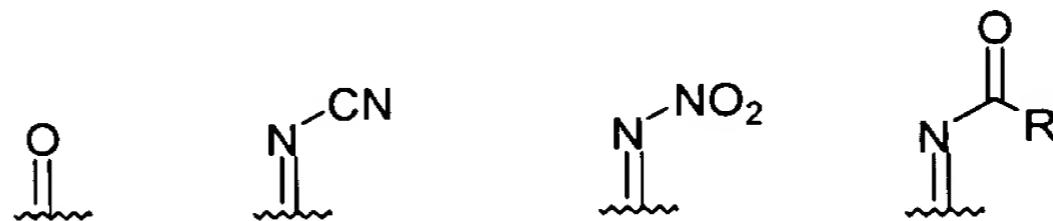
- 1      16. A method in accordance with claim 15, wherein X and Y are  
 2      independently selected from the group consisting of:



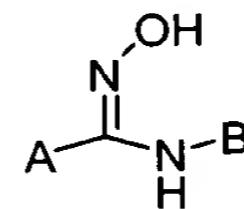
- 1      17. A method in accordance with claim 15, wherein X and Y are each  
 2      independently selected from the group consisting of:

3 a bond , —C— and —C—  
W R<sup>2</sup> R<sup>4</sup>

1           **18.** A method in accordance with claim 15, wherein X and Y are each a  
2           bond, and M is —C—N—, wherein U is selected from the group consisting of



1           **19.** A method in accordance with claim 15, said compound having the  
2 formula:



1           **20.** A method in accordance with claim 19, wherein A is a phenyl  
2 group substituted with from one to three substituents selected from the group consisting  
3 of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen, nitro,  
4 phenyl, naphthyl, pyrrolyl, pyrazolyl and —NR<sup>16</sup>R<sup>17</sup> wherein R<sup>16</sup> and R<sup>17</sup> are  
5 independently selected from the group consisting of hydrogen, (C<sub>1</sub>-C<sub>8</sub>)alkyl and (C<sub>1</sub>-  
6 C<sub>8</sub>)heteroalkyl or are combined with the nitrogen atom to which each is attached to form  
7 a four-, five-, six- or seven-membered ring optionally having additional heteroatoms as  
8 ring members and optionally having additional substituents selected from the group  
9 consisting of (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl and phenyl.

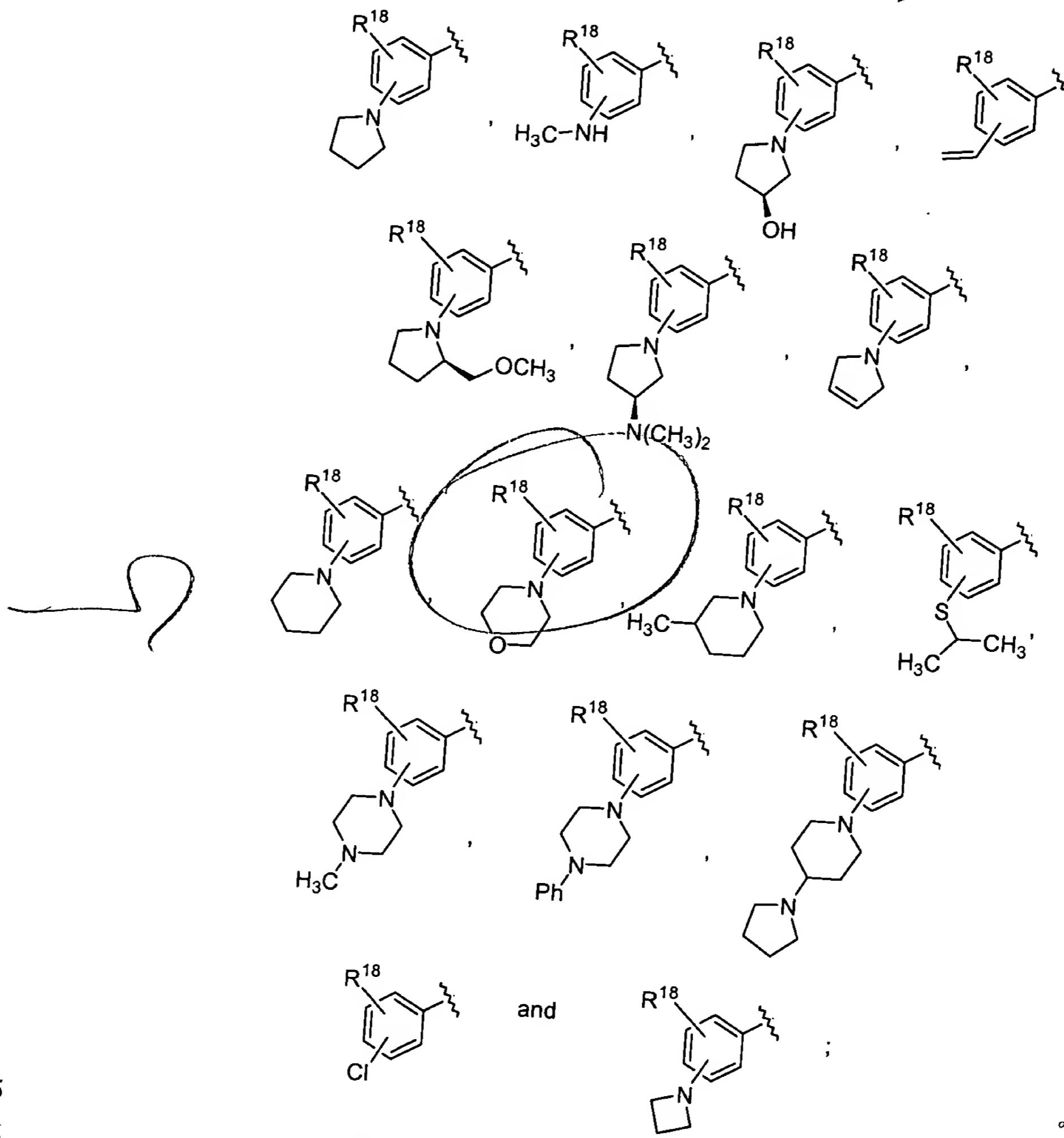
1           **21.** A method in accordance with claim 19, wherein B is a phenyl  
2 group substituted with from one to three substituents selected from the group consisting  
3 of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy,  
4 halogen, phenyl and phenoxy.

1           **22.** A method in accordance with claim 19, wherein A is a phenyl  
2 group substituted with from one to three substituents selected from the group consisting

3       of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen and –  
4       NR<sup>16</sup>R<sup>17</sup> wherein R<sup>16</sup> and R<sup>17</sup> are independently selected from the group consisting of  
5       hydrogen, (C<sub>1</sub>-C<sub>8</sub>)alkyl and (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl or are combined with the nitrogen atom to  
6       which each is attached to form a four-, five-, six- or seven-membered ring optionally  
7       having additional heteroatoms as ring members and optionally having additional  
8       substituents selected from the group consisting of (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl and  
9       phenyl, and B is a phenyl group substituted with from one to three substituents selected  
10      from the group consisting of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-  
11      C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen, phenyl and phenoxy.

1                   **23.**     A method in accordance with claim 19, wherein A is selected from  
2     the group consisting of substituted or unsubstituted thienyl, substituted or unsubstituted  
3     furanyl, substituted or unsubstituted indolyl, substituted or unsubstituted benzothienyl,  
4     substituted or unsubstituted benzothienyl, and radicals of the formulae:

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1           **24.** A method in accordance with claim 23, wherein A is selected from  
2       the group consisting of substituted or unsubstituted benzofuranyl, substituted or  
3       unsubstituted benzothienyl, substituted or unsubstituted indolyl, substituted or  
4       unsubstituted benzimidazolyl, substituted or unsubstituted benzthiazolyl and substituted  
5       or unsubstituted benzoxazolyl.

1           **25.** A composition comprising a pharmaceutically acceptable excipient  
2       in admixture with a compound having the formula:

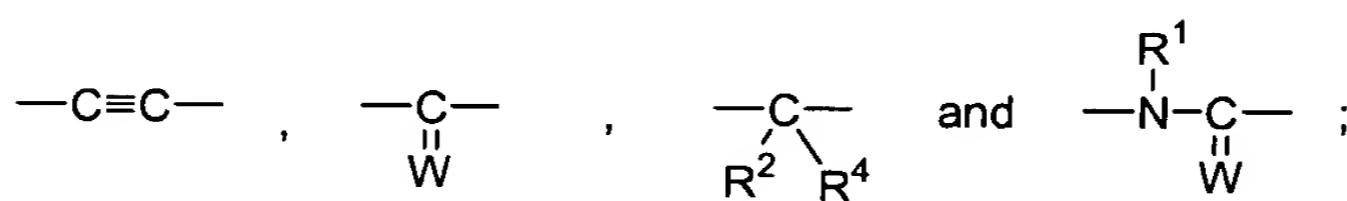
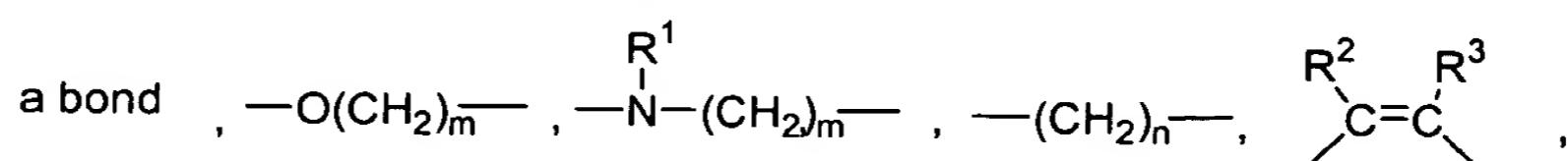
3

A-X-M-Y-B

4 or a pharmaceutically acceptable salt thereof, wherein

5 A and B are each members independently selected from the group consisting of  
6 substituted and unsubstituted aryl and substituted and unsubstituted  
7 heteroaryl;

8 X and Y are each members independently selected from the group consisting of:



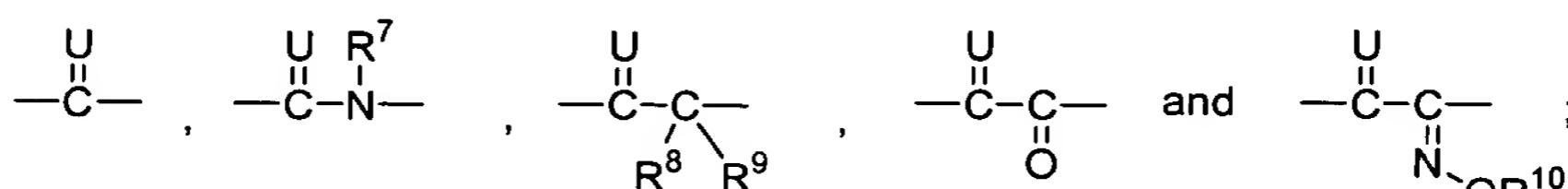
9 with the proviso that at least one of X or Y is a bond, and wherein

10 the subscript m is 0, 1 or 2;

11 the subscript n is 1 or 2;

12 W is a member selected from the group consisting of O, N-OR<sup>5</sup>, N-NR<sup>1</sup>R<sup>2</sup>,  
13 N-NR<sup>1</sup>C(O)R<sup>6</sup> and N-OC(O)R<sup>6</sup>;14 R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>5</sup> are each members independently selected from the group  
15 consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, aryl(C<sub>1</sub>-C<sub>6</sub>)alkyl, heteroaryl and  
16 heteroaryl(C<sub>1</sub>-C<sub>6</sub>)alkyl;17 R<sup>4</sup> is a member selected from the group consisting of H, OH, (C<sub>1</sub>-C<sub>6</sub>)alkyl,  
18 (C<sub>1</sub>-C<sub>6</sub>)alkoxy, amino, (C<sub>1</sub>-C<sub>6</sub>)alkylamino, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino,  
19 (C<sub>1</sub>-C<sub>6</sub>)acylamino, and (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl; and20 R<sup>6</sup> is a member selected from the group consisting of H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>1</sub>-  
21 C<sub>6</sub>)alkoxy, amino, (C<sub>1</sub>-C<sub>6</sub>)alkylamino, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino and  
22 (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl; and

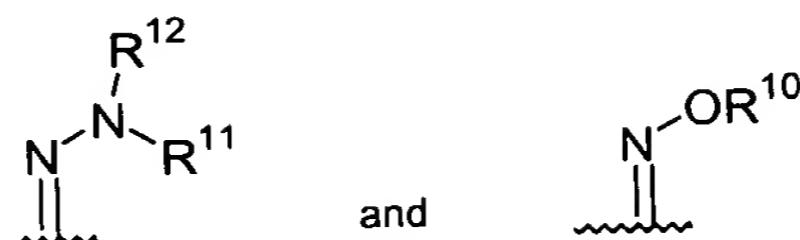
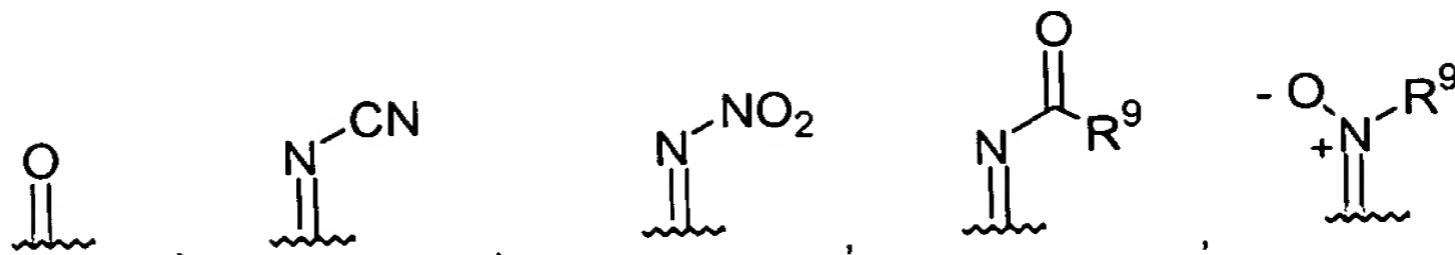
23 M is a divalent linking group selected from the group consisting of:



24 wherein

25 U is a member selected from the group consisting of:

26

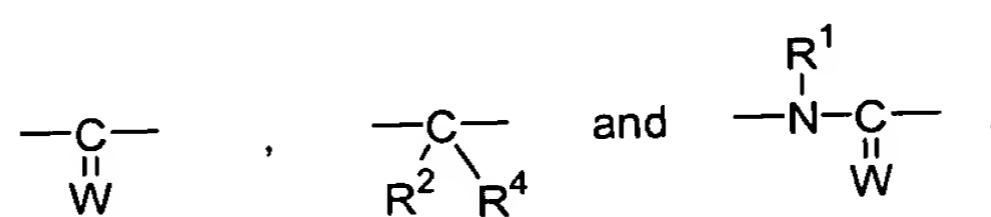
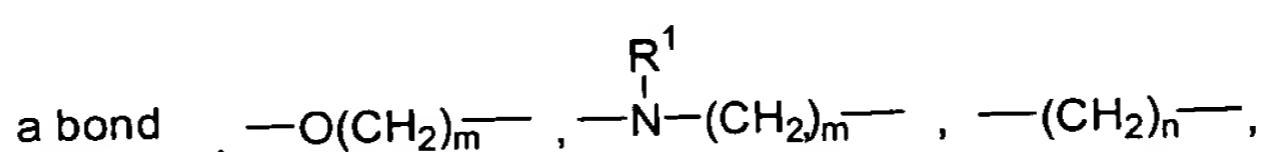


29       $R^7$  and  $R^8$  are each members independently selected from the group  
 30      consisting of H, OH, ( $C_1$ - $C_6$ )alkyl, ( $C_1$ - $C_6$ )alkoxy, amino, ( $C_1$ -  
 31       $C_6$ )alkylamino and di( $C_1$ - $C_6$ )alkylamino;  
 32       $R^9$  is a member selected from the group consisting of H, ( $C_1$ - $C_6$ )alkyl, aryl,  
 33      aryl( $C_1$ - $C_6$ )alkyl, heteroaryl and heteroaryl( $C_1$ - $C_6$ )alkyl;  
 34       $R^{10}$  is a member selected from the group consisting of H, ( $C_1$ - $C_6$ )alkyl,  
 35      aryl( $C_1$ - $C_6$ )alkyl and heteroaryl( $C_1$ - $C_6$ )alkyl; and  
 36       $R^{11}$  and  $R^{12}$  are members independently selected from the group consisting  
 37      of H, ( $C_1$ - $C_6$ )alkyl, aryl( $C_1$ - $C_6$ )alkyl, heteroaryl( $C_1$ - $C_6$ )alkyl,  
 38       $C(O)R^{14}$ ,  $C(O)OR^{14}$ ,  $C(O)-NR^{14}R^{15}$ ,  $S(O)_2R^{13}$  and  $S(O)_2NR^{14}R^{15}$ ;

40      wherein

41       $R^{13}$  is a member selected from the group consisting of ( $C_1$ - $C_6$ )alkyl,  
 42      ( $C_1$ - $C_6$ )heteroalkyl, phenyl and substituted phenyl; and  
 43       $R^{14}$  and  $R^{15}$  are each members independently selected from the group  
 44      consisting of H, ( $C_1$ - $C_6$ )alkyl and ( $C_1$ - $C_6$ )heteroalkyl.

1      **26.** A composition in accordance with claim 25, wherein X and Y are  
 2      independently selected from the group consisting of:

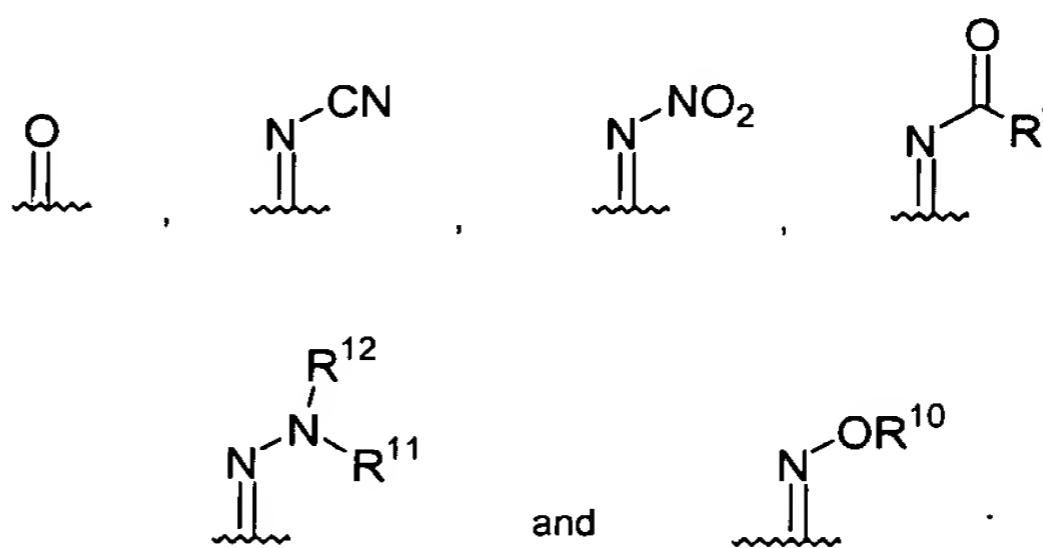


1      **27.** A composition in accordance with claim 25, wherein X and Y are  
 2      each independently selected from the group consisting of:

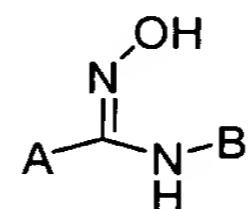
3                    a bond , —C— and —C— .  
                      W                    R<sup>2</sup> R<sup>4</sup>

1                    28. A composition in accordance with claim 25, wherein X and Y are

2                    each a bond, and M is —C—<sup>U</sup> R<sup>7</sup> , wherein U is selected from the group consisting of



1                    29. A composition in accordance with claim 25, said compound having  
2                    the formula:

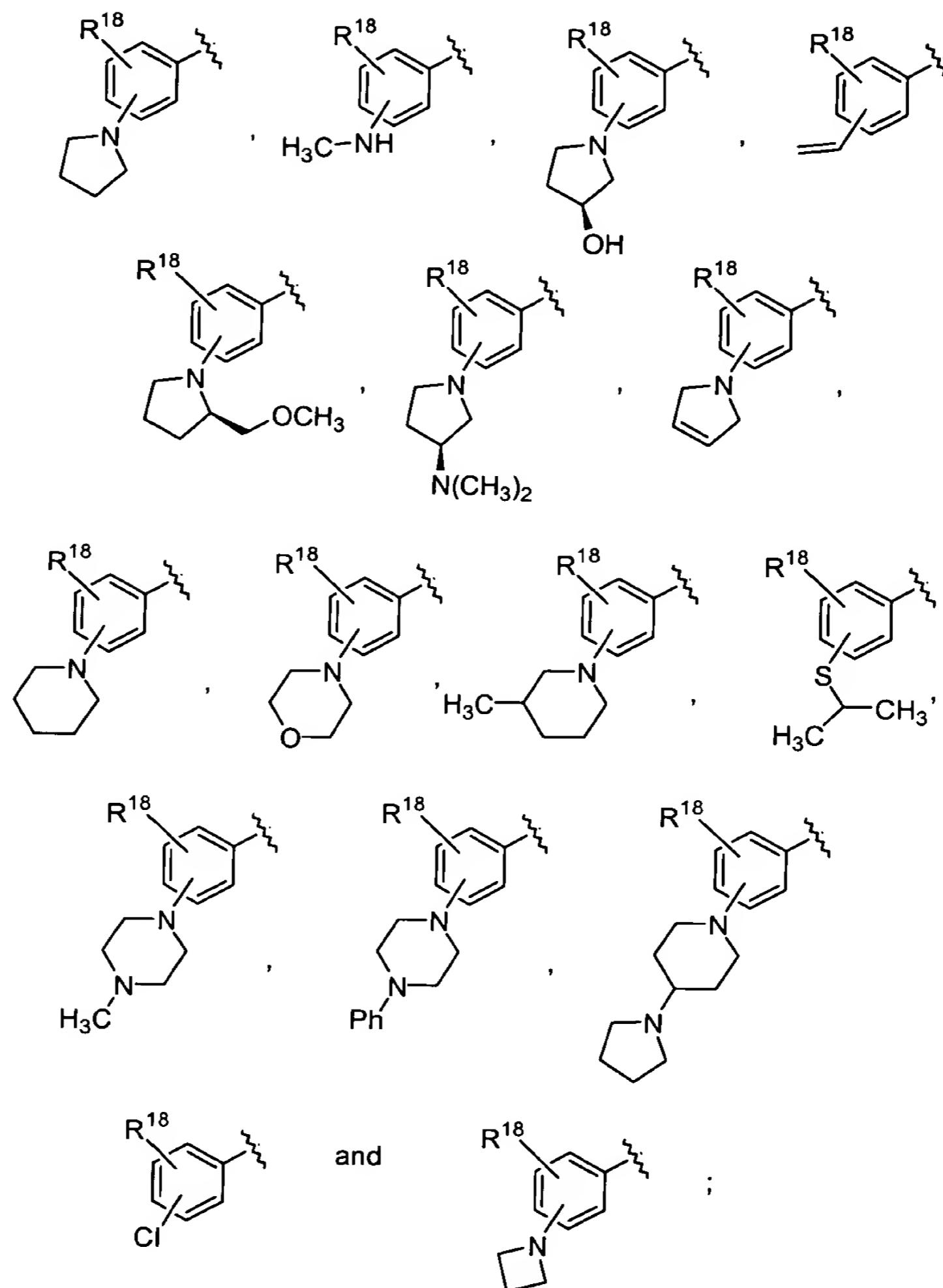


1                    30. A composition in accordance with claim 29, wherein A is a phenyl  
2                    group substituted with from one to three substituents selected from the group consisting  
3                    of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen, nitro,  
4                    phenyl, naphthyl, pyrrolyl, pyrazolyl and —NR<sup>16</sup>R<sup>17</sup> wherein R<sup>16</sup> and R<sup>17</sup> are  
5                    independently selected from the group consisting of hydrogen, (C<sub>1</sub>-C<sub>8</sub>)alkyl and (C<sub>1</sub>-  
6                    C<sub>8</sub>)heteroalkyl or are combined with the nitrogen atom to which each is attached to form  
7                    a four-, five-, six- or seven-membered ring optionally having additional heteroatoms as  
8                    ring members and optionally having additional substituents selected from the group  
9                    consisting of (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl and phenyl.

1                    31. A composition in accordance with claim 29, wherein B is a phenyl  
2                    group substituted with from one to three substituents selected from the group consisting  
3                    of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy,  
4                    halogen, phenyl and phenoxy.

1                   **32.** A composition in accordance with claim **29**, wherein A is a phenyl  
2 group substituted with from one to three substituents selected from the group consisting  
3 of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen and –  
4 NR<sup>16</sup>R<sup>17</sup> wherein R<sup>16</sup> and R<sup>17</sup> are independently selected from the group consisting of  
5 hydrogen, (C<sub>1</sub>-C<sub>8</sub>)alkyl and (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl or are combined with the nitrogen atom to  
6 which each is attached to form a four-, five-, six- or seven-membered ring optionally  
7 having additional heteroatoms as ring members and optionally having additional  
8 substituents selected from the group consisting of (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>1</sub>-C<sub>8</sub>)heteroalkyl and  
9 phenyl, and B is a phenyl group substituted with from one to three substituents selected  
10 from the group consisting of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-  
11 C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy, halogen, phenyl and phenoxy.

1                   **33.** A composition in accordance with claim **29**, wherein A is selected  
2 from the group consisting of substituted or unsubstituted thienyl, substituted or  
3 unsubstituted furanyl, substituted or unsubstituted indolyl, substituted or unsubstituted  
4 benzothienyl, substituted or unsubstituted benzothienyl, and radicals of the formulae:



5

wherein

6     R<sup>18</sup> is a member selected from the group consisting of (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>4</sub>)alkoxy, (C<sub>1</sub>-  
7     C<sub>4</sub>)heteroalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)haloalkoxy and halogen.

1                 34. A composition in accordance with claim 33, wherein A is selected  
2     from the group consisting of substituted or unsubstituted benzofuranyl, substituted or  
3     unsubstituted benzothienyl, substituted or unsubstituted indolyl, substituted or  
4     unsubstituted benzimidazolyl, substituted or unsubstituted benzthiazolyl and substituted  
5     or unsubstituted benzoxazolyl.